



***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Mugen KAWAZU  
Title: SAFETY CONTROLLER  
Appl. No.: Unassigned  
Filing Date: February 11, 2004  
Examiner: Unassigned  
Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Mugen KAWAZU  
Toshiyuki HIGUCHI  
Hisashi TAKEUCHI  
Ryuichiro TAKAICHI  
Noboru KAWAIKE

Enclosed are:

- [ X ] Specification, Claim(s), and Abstract (90 pages).
- [ X ] Application Data Sheet (37 CFR 1.76) (4 pages).
- [ X ] Formal drawings (62 sheets, Figures 1-42, 43A, 43B, 44-55, 56A, 56B, 57A, 57B, 58, 59A, 59B, 60A, 60B, 61A, 61B, 62A, 62B).

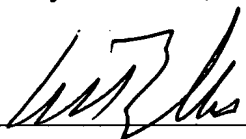
The filing fee is calculated below:

	Claims as Filed		Included in Basic Fee		Extra Claims		Rate		Fee Totals
Basic Fee							\$770.00	=	\$770.00
Total	14	-	20	=	0	x	\$18.00	=	\$0.00
Claims:									
Independents	1	-	3	=	0	x	\$86.00	=	\$0.00
:									
If any Multiple Dependent Claim(s) present:					+		\$290.00	=	\$0.00
Surcharge under 37 CFR 1.16(e) for late filing of					+		\$130.00	=	\$130.00
Executed Declaration and late payment of filing fee									
							SUBTOTAL:	=	\$900.00
[ ]							Small Entity Fees Apply (subtract 1/2 of above):	=	\$0.00
							TOTAL FILING FEE:	=	\$900.00

[ X ] The required filing fees are not enclosed but will be submitted in response to the  
Notice to File Missing Parts of Application.

Please direct all correspondence to the undersigned attorney or agent at the address  
indicated below.

Respectfully submitted,

By 

Date: February 11, 2004

FOLEY & LARDNER

Customer Number: 22428

Telephone: (202) 672-5485

Facsimile: (202) 672-5399

William T. Ellis

Attorney for Applicant

Registration No. 26,874